

03-RF-00056



DIST.	LTR	ENC
DIETER, T.		
FERRERA, D.W.		
FERRI, M.S.		
LINDSAY, D.		
LYLE, J.		
MARTINEZ, L. A.		
PARKER, A.		
POWERS, K.		
SHELTON, D.C.		
SPEARS, M.S.		
TRICE, K.D.		
TUOR, N. R.		

January 14, 2003

03-RF-00056

AGUILAR, P.	X	X
ALBIN, C.		
AUBLE, M.		
BEAN, C.		
BUTLER, J. L.		
CERCLA AR (T130G)		
CLARK, D.		
DIETERLE, S.		
FRANCIS, M.		
FREIBOTH, C.	X	X
GIBBS, F.		
GUTHRIE, V.		
HUMISTON, T.		
KEHLER, K.		
MARSHALL, J.R.		
MARTIN, D.		
MYERS, K.		
NESTA, S.	X	X
NORTH, K.		
OLIVER, R.		
OMAN, K.	X	X
PLAPPERT, R.		
PRIMROSE, A.		
ROSENMAN, A.	X	X
SNYDER, D.P.		
THOMPSON, J.		
VANDERPOEL, M.		
WIEMELT, K.		
WILLIAMS, L.		

Steve Tower
D&D Program Lead
DOE, RFFO

RSOP NOTIFICATION LETTER FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITIES FOR BUILDING 444 CLUSTER CLOSURE PROJECT FEG-002-03

Attached is a draft transmittal letter to the Colorado Department of Public Health and Environment for the RSOP notification for Building 444 Cluster Closure Project Buildings 444, 445, 447, 448, 450, 451, and 455 component removal, size reduction and decontamination. The draft transmittal letter has been prepared from DOE RFCA coordinator to CDPHE RFCA coordinator.

Please contact Steve NESTA X6386 with questions or concerns.

Frank E. Gibbs

Frank E. Gibbs
Deputy Project Manager
Remediation, Industrial D&D, and Site Services

CORRES. CONTROL	X	X
ADMIN RECD/T130G	X	X
TRAFFIC		
PATS/130		

Attachment:
As Stated

CLASSIFICATION:

UCNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

PAG:pvt

Orig. and 1 cc -- Steve Tower

AUTHORIZED CLASSIFIER
SIGNATURE:

cc:
Joe Legare

Date:

IN REPLY TO RFP CC NO.:

ACTION ITEM STATUS:

☐ PARTIAL/OPEN
☐ CLOSED

LTR APPROVALS:

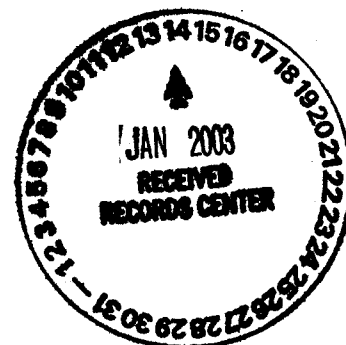
ORIG. & TYPIST INITIALS:
PAG:pvt

Kaiser Hill Company, L.L.C.

Rocky Flats Environmental Technology Site, 10808 Hwy. 93 Unit B, Golden CO 80403-8200 • 303-966-7000

ADMIN RECORD

B444-A-000032



David Kruchek
Colorado Department of Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80222-1530

**RSOP FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITIES NOTIFICATION LETTER FOR BUILDING 444 CLUSTER CLOSURE PROJECT
BUILDINGS COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION**

Dear Mr. Kruchek:

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction and Decontamination Activities, this letter and its attachments is notification for RSOP implementation. This notification is for all activities required to bring Building 444 Cluster Closure Project Buildings 444, 445, 447, 448, 450, 451, and 455 to the unrestricted release criteria with the exception of RCRA unit closure. This will involve component removal, size reduction and decontamination activities utilizing the methods specified in the RSOP.

Open/active RCRA units associated with these facilities will be closed in accordance with the RSOP. Notification requirements are addressed under a separate notification letter. Once the pre-demolition survey is complete and the facility meets the unrestricted release criteria, an additional notification letter will be prepared to implement the RSOP for Facility Disposition.

Decommissioning subcontractors may be used to conduct this work. If the subcontractor would like to use a method or process not included in the RSOP then they are required to notify Kaiser-Hill. An additional notification may be made and, in consultation with the DOE and the LRA, the RFCA process for decision document modification will be used.

The appropriate checklists and information required by the RSOP are attached to this letter and should provide the necessary information. This work will be conducted in accordance with the work control documentation prepared by the decommissioning subcontractor. The exact methods and process selected by the decommissioning subcontractor and progress of the activities will be communicated to the DOE and the LRA through the consultative process, particularly the monthly RISS production meetings. The facility will not be breached during the activity.

As indicated in the RSOP, the LRA has 14 days to review the RSOP notification letter and provide feedback, including a definitive reason for not proceeding with the project. If no feedback is received within 14 days, the project will proceed as planned.

If you have any questions regarding this, please contact me at (303) 966-2133.

A circular stamp from the U.S. Department of Energy is located on the left side of the page, partially overlapping the text. The stamp contains the text "U.S. DEPARTMENT OF ENERGY" around the perimeter and "OFFICE OF ENVIRONMENTAL RESTORATION" in the center.
U.S. Department of Energy

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**RSOP for Component Removal, Size Reduction,
And Decontamination Activities Checklist**

Attachment 1
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Project scope: Removal of contaminated portions of Building 444 Cluster Closure Project Buildings			
Facility description: Building 444 Cluster Closure Project Buildings 444, 445, 447, 448, 450, 451, and 455 (Manufacturing and General Support Buildings)			
Description of planned activity(ies): The decontamination, size reduction, and component removal required to bring Building 444 Cluster Closure Project Buildings to the unrestricted release criteria.			
Facility/rooms/sets/areas involved: Building 444 Cluster closure Project Buildings as listed			
Is RCRA unit closure(s) part of the planned activity?			Yes
If RCRA units are included, attach unit specific information sheets and drawings			No*
*RCRA unit closure is addressed under a separate notification letter			
Attach checklists from Appendix A of the RSOP.		<input checked="" type="checkbox"/>	Component Removal/Size Reduction
<i>Complete checklists by room/set/area/facility, as appropriate</i>		<input checked="" type="checkbox"/>	Decontamination
RLCR Status	<input checked="" type="checkbox"/>	RLCR complete and concurrence received: 11/21/2002	
	<input type="checkbox"/>	RLCR initiated but incomplete; concurrence anticipated:	
	<input type="checkbox"/>	RLC has not been initiated¹ and is scheduled for initiation on:	
If RLCR is not complete or initiated, what data will be used to plan the work activities?			
Activity requires modification to the ARARs listed in the RSOP.		<input type="checkbox"/>	Yes, attach to letter
		<input checked="" type="checkbox"/>	No
Attach Administrative Record file requirements for the activity. Not Applicable			
Point of contact for each facility/activity: Cameron Freiboth, 303-966-2823			
Duration of work activities: 18 months		Anticipated work start: First quarter of 2003	
Attach schedule for each facility or activity for information purposes. Schedule submitted with the Building 444 Cluster Closure Project notification.			
Does the activity involve removing contaminated portions of the building shell? Include a description of the activity, contamination levels and controls		<input type="checkbox"/>	Yes, LRA consultation and concurrence required
		<input checked="" type="checkbox"/>	No

¹ Evaluate using DPP, Sections 1.1.4 and 1.1.5 and the consultative process to implement activities

**RSOP for Component Removal, Size Reduction,
And Decontamination Activities Checklist**

Attachment 1
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Page 3 of 6

Are there deviations/exceptions to the RSOP for the proposed activity(ies)?												Yes
										X		No
Provide an explanation of deviation/exception to the RSOP: Not applicable												
C. Check the appropriate resulting action box below												
Additional RFCA decision document required (PAM – IM/IRA)												
Major modification to RSOP								Field change to RSOP				
Minor modification to RSOP								LRA consultation				
Activity(ies) will result in the following waste types												Process waste
										X		Remediation waste
TRU	X	LLW		LLMW		Haz.	X	Sanitary		Other: recyclable/re-use		
LRA Notification Review Time					X		14 days, no RCRA unit closure involved					
							30 days, RCRA unit closure involved					

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**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITY CHECKLIST**

Building: B444 Cluster Closure Project Buildings 444, 445, 447, 448, 450, 451, and 455
Closure Project Manager: Cameron Freiboth

COMPONENT REMOVAL/SIZE REDUCTION

Gloveboxes	X
Tanks and ancillary equipment (located both inside and outside the facility)	X
Fume hoods	X
Ventilation/filtration systems (both inside and outside the facility)	X
Utilities and other equipment (both inside and outside the facility, including electrical, steam, and fire suppression systems)	X
Walls	X
Floors	X
Ceilings	X
Roofs	X
Other structural members	X
Other*	X

Small tools	X
Paving breaker, jackhammer and/or similar tools used to break up concrete	X
Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment	X
Hoists and cranes	X
Plasma arc cutter	X
Diamond wire saw	X
Wachs cutter	
Laser cutter	
Oxy-torch cutter	X
Hydraulic shears	X
Shear baler	
Water cutter using abrasives	
Arc air slice	X
Arbor press	
Non-explosive cracking agent	
Other *	X

* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):
Stairs & Platform constructed of Metal.

Machinery, dust collection & vacuum systems, asbestos abatement, lab equipment, wire cages, interior partitions, wall coverings, overhead cranes & hoist, process equipment & miscellaneous supports, hangers & ladders.

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**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITY CHECKLIST**

DECONTAMINATION

Facility Component	X
Gloveboxes	X
Tanks and ancillary equipment (located both inside and outside the facility)	X
Fume hoods	X
Ventilation/filtration systems (both inside and outside the facility)	X
Utilities and other equipment (both inside and outside the facility, including electrical, steam, and fire suppression systems)	X
Walls	X
Floors	X
Ceilings	X
Roofs	X
Other structural members	X
Other*	X

Decontamination Technique	X
Wiping/scrubbing/washing with water or detergents	X
Vacuuming	X
Strippable Coating	X
Grinding	X
Scarifying	X
Scabbling	X
Paving breaker/chipping hammer	X
Spalling	X
Abrasive/grit blasting	X
CO ₂ blasting	X
Hydrolasing	X
Strong mineral acids	X
Organic or weak acids	X
Additional oxidants, such as cerium and other similar metals	
Other *	X

* Describe "Other" Component(s) and/or Decontamination Technique(s):

1. Stairs & Platform, 2. Sump Pit

Other Component - See Page 1.

Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by: _____

Date: _____

Administrative Record Requirements for this Activity

- Final Rocky Flats Cleanup Agreement (RFCA)
- RFETS Decommissioning Program Plan (DPP)
- RFCA Standard Operating Protocol for Component Removal, Size Reduction, and Decontamination Activities
- Reconnaissance Level Characterization Report Area 3 – Building 444 Cluster
- ~~Notification Letter and subsequent CDPHE correspondence, if appropriate~~